ALEXIS HECFEUILLE

Full Stack Developer

📍 Berck, France   ✉ alexis@hecfeuille.fr   in [alexishecfeuille](#)   ⚙ [alexishecf](#)

Skills

Languages: TypeScript, JS, C#, SQL, Python, Solidity
Developer Tools: VS Code, Git, Docker, Postman
Technologies/Frameworks: Angular, Node, React, PostgreSQL, MongoDB, Web3, Unity

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Experience

Arianee   **Jan 2022 – Today**
Full Stack Developer   *Paris, France*

Arianee develops end-to-end web3 solutions for brands, primarily non-fungible token (NFT) solutions.

- Developed a system to claim Arianee's NFTs *en masse* on both the front-end (Angular) and the back-end (Node/Express/MongoDB) to meet the needs of a near-simultaneous claim of 20,000 people (stadium).
- Designed and implemented both application sides of an NFT exchange platform for Arianee NFTs using Angular, Node, TypeScript, MongoDB, GCP and Solidity. Responsible for the testing strategies and production launch.
- Improved the spkz.io (*an open-source web3 chat app initiated by Arianee*) lounge creation workflow by developing a lounge validator and various strategies (plus tests) to be used by lounges.

Hologame   **Sep 2018 – Dec 2021**
Technical Cofounder   *Tourcoing, France*

Co-founded hologame while studying computer science at the University of Lille. Hologame designs
and sells a turnkey free-roam virtual reality arena concept to location-based-entertainment.

- Built the free-roam multiplayer VR shooter for standalone VR headsets using Unity / C#
  * Optimized to run smoothly with up to 8 players and 40+ NPCs simultaneously
  * Playable on a physical area of 300+ square meters and a virtual area of 1+ square kilometer
- Developed the authentication web application for end users with React and CodeIgniter
- Conceived the management application using C# and Windows Forms, used by our customers to launch and monitor the game sessions
  * Reduces logistical burden by automating player-headset association and tracking the setup state of each player
- Created an internal web application to analyze business and operational data using React/CodeIgniter/MySQL
- Implemented a REST API in PHP to enable communication between elements of the solution

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Education

University of Lille   **Sep 2019 – Sep 2021**
Master of Science in Computer Science ⬈   *Lille, France*
Summa cum laude

University of Lille   **Sep 2016 – Jun 2019**
Bachelor of Science in Computer Science   *Lille, France*
Cum laude

Languages

French: native   **English**: fluent   **Spanish**: notions